CS 247 Spring 2020

Homework Submission Guidance

Ziniu Hu <bull@cs.ucla.edu>

Hi, all, Welcome to CS 247 - Advanced Data Mining! Throughout the whole quarter, we will release six homework assignments in total. Please check out the syllabus on the course website for a tentative schedule.

All of the homework submissions will go through CCLE. You should compress all your homework results, including images, code, data into a zip file, following the naming rule: hw#_lastname_firstname_uid.zip, then submit to CCLE.

For each homework, you will see basically two types of problems: write-up problems and coding problems. For write-up problems, no coding is required. You only need to display sufficient steps for mathematical derivation. But for coding problems, you will either fill in the blanks in a series of code files or implement models by yourself.

All our homework and your solution will be written as Jupyter Notebook, which is a good tool that are compatible for code running, inline markdown editing, and inline LaTeX compiling. Therefore, if you don't have any experiences with Jupyter notebook before, [this website](#) may help you quickly get familiarized with it.

Please make sure that your submission satisfies the following requirements:

- Format your text answers by bullet-points taking advantage of markdown syntax.
- Write all math equations with LaTeX. Definitely NO plain text such as "x0", "x^1", or "R x Q", etc.
- Comment your code for better readability.
- Display the entire procedure of data loading and preprocessing, model implementation, model training, and result analysis by explaining your code by text cells or inline comments, showing necessary intermediate results, and visualizing the outcomes.
- Do NOT generate output longer than 200 lines under any cells in the notebook.

For further questions, please do not hesitate to email me or come to the zoom meeting at discussion time every Friday.